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(71) Applicant (for all designated States except US): RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): IKE, Takahiro [JP/JP]; 2-1, Gouchicho 1-chome, Akishima-shi, Tokyo, 1960032 (JP). HIRANO, Masanori [JP/JP]; 1253-7, Shimoogino, Atsugi-shi, Kanagawa, 2430203 (JP).

(74) Agent: ITOH, Tadahiko; 32nd Froor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

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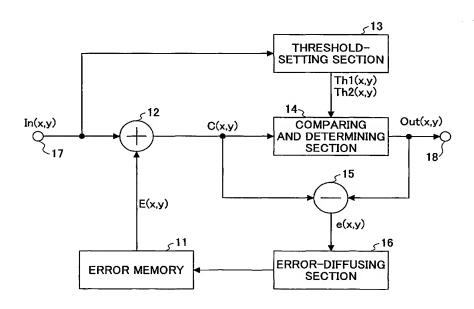
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(54) Title: AN IMAGE-PROCESSING APPARATUS, AN IMAGE-FORMING APPARATUS, AND A PROGRAM



(57) Abstract: An image-processing apparatus for quantizing multi-level (M-level) image data into N-level values, where M>N>1, using a multi-level error-diffusion process or a minimum-average multi-level error method is disclosed. The image-processing apparatus includes: means for outputting correction data; means for setting a quantization-threshold value; means for comparing the correction data and the quantization-threshold value so as to output N-level image data; and means for calculating an error generated with generating the N-level image data.

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